

except in rare cases, where individuals attack cultivated fruits and grains our native birds merely preserve the balance of nature by destroying weeds that plague the farmer and by checking the insects that destroy the produce of the agriculturist. The great value of birds is demonstrated. The question is first how to attract them where they have disappeared, and then how to protect the crops from their occasional depredations."

The English Sparrow comes in for severe condemnation. "It has been shown to interfere with seventy kinds of our own birds, most of which nest about houses and gardens and are beneficial to the farm and garden." Its extermination is advocated. "Bounty laws cannot do this, for, as has been clearly demonstrated, they do more mischief than can be easily remedied, as money is usually spent on the heads of valuable birds that have been mistaken for the injurious ones. But the work might be effectively done by State boards or commissioners, who should hire trained assistants to destroy the birds and their nests."

Miss Merriam's articles are illustrated with numerous cuts of the birds and insects especially mentioned, derived mainly from the recent publications on these subjects by the U. S. Department of Agriculture.—J. A. A.

Publications Received.—Alfaro, Anastasio. Museo Nacional de Costa Rica. Informe presentado al Señor Secretario de Estado en el Despacho de Fomento por Anastasio Alfaro, Administrador del Museo. 4to, 1896, pp. iv + 40.

Allen, Francis H. Summer Birds of Willoughby Lake. (St. Johnsbury Caledonian (newspaper), Sept. 11, 1896.)

Beal, F. E. L. The Meadowlark and Baltimore Oriole. (Yearbook U. S. Dept. of Agric. for 1895 (1896), pp. 419-430.)

Blasius, R. V. Berichte über das permanente internationale ornithologische Comité für die Jahre 1891 bis 1895. 8vo, pp. 27, 1896.

Bocage, J. V. Barboza du. Mamíferos, Aves e Reptis da Hanha, no Sertão de Benguella. (Jorn. de Sci. math., phys. e nat. da Acad. real das Sci. de Lisboa, Ser. 2, IV, No. xiv, May, 1896.)

Büttikofer, J. (1) On a probably new species of *Crypturus*. (Notes from the Leyden Museum, XVIII, pp. 1, 2.) (2) On the Genus *Pycnonotus* and some Allied Genera, with enumeration of the specimens in the Leyden Museum. (*Ibid.*, XVII, pp. 225-252) (3) Rectification of two Generic Names. (*Ibid.*, XVIII, p. 58.) (4) On a New Duck from the Island of Lumba. (*Ibid.*, XVIII, pp. 59-62.) (5) Zoologische Skizzen aus der niederländischen Expedition nach Central Borneo. (Compte-rendu des Séances du Troisième Congrès international de Zoologie, Leyde, 16-21 Sept., 1895, pp. 212-227.)

Cherrie, George K. Contributions to the Ornithology of San Domingo. (Field Columbian Mus., Orn. Ser., I, No. 1, pp. 1-26, 1896.)

Fisher, A. K. Summer Roosts of Swallows and Red-winged Blackbirds. (The Observer, VII, July, 1896, pp. 382-384.)

Forbush, Edward H., and Charles E. Fernald. The Gypsy Moth, *Por-thetria dispar* (Linn.). A report of the work of destroying the insect in the Commonwealth of Massachusetts, together with an account of its History and Habits, both in Massachusetts and Europe. Mass. State Board of Agriculture, Boston, 1896, 8vo, pp. xii + 496 + c, with numerous plates and cuts.

Hartert, Ernst. On ornithological collections, made by Mr. Alfred Everett, in Celebes and on the islands south of it. (Novitates Zool., III, June, 1896, pp. 148-183.)

Holland, A. H. Field-notes on the Birds of the Estancia Sta. Elena, Argentine Republic.—Part III. With Remarks by P. L. Sclater. (Ibis July, 1896, pp. 315-318.)

Homeyer, E. F. von. Museum Homeyerianum. Verzeichniss der ornithologischen Sammlungen. 8vo, pp. 36.

Judd, Sylvester D. Four Common Birds of the Farm and Garden. (Year-book U. S. Dept. of Agric. for 1895, pp. 405-418.)

Loomis, Leverett M. California Water Birds, No. III, South Farallon Island in July. (Proc. Cal. Acad. Sci., Ser. 2, Vol. VI, pp. 353-366.)

Lucas, F. A. Osteological and Pterylographical Characters of the Procnatiidae. (Proc. U. S. Nat. Mus., XVIII, No. 1077, pp. 505-507.)

Merriam, Florence A. How Birds affect the Farm and Garden. 16mo, Sept. 1896. Forest and Stream Publishing Company. Price 5 cts.

Montgomery, Thomas H. Extensive migration in Birds as a check upon the production of Geographical Varieties. (Am. Nat., June, 1896, pp. 458-464.)

Nehrling, H. North American Birds. Pts. XIV and XV.

Oberholser, Harry C. Descriptions of two new Subspecies of the Downy Woodpecker, *Dryobates pubescens* (Linn.). (Proc. U. S. Nat. Mus. XVIII, No. 1080, pp. 547-550.)

Palmer, T. S. Bird Day in Schools. (Circular No. 17, U. S. Dept. of Agriculture, Division of the Biological Survey. 8vo, pp. 4, July, 1896.)

Ridgway, Robert. (1) Characters of a New American Family of Passerine Birds. (Proc. U. S. Nat. Mus., XVIII, No. 1076, pp. 449, 450.) (2) On Birds collected by Dr. W. L. Abbott in the Seychelles, Amirantes, Gloriosa, Assumption, Aldabra, and adjacent Islands, with notes on Habits, etc., by the Collector. (*Ibid.*, No. 1079, pp. 509-546.)

Richmond, Charles W. (1) Catalogue of a Collection of Birds made by Dr. W. L. Abbott in Kashmir, Baltistan and Ladak, with notes on some and a description of a new species of *Cyanecula*. (Proc. U. S. Nat. Mus. XVIII, No. 1078, pp. 451-503.) (2) Catalogue of a Collection of Birds made by Dr. W. L. Abbott, in Eastern Turkistan, the Thian-Shan Mountains, and Tagdumbash Pamir, Central Asia, with notes on some of the species. (*Ibid.*, No. 1083, pp. 569-576.) (3) Description of a New Species of Ant Thrush from Nicaragua. (*Ibid.*, No. 1090, pp. 625, 626.) (4) Partial List of Birds collected at Alta Mira, Mexico, by Mr. Frank B. Armstrong. (*Ibid.*, No. 1091, pp. 627-632.)

Robinson, Wirt. An Annotated List of Birds observed on Margarita Island, and at Guanta and Laguayra, Venezuela. (*Ibid.*, No. 1093, pp. 649-685.)

Slater, P. L. Remarks on the Divergencies between the "Rules for Naming Animals" of the German Zoölogical Society and the Strickland Code of Nomenclature. (*P. Z. S.*, 1896, pp. 306-322.)

Shufeldt, R. W. On the Affinities of *Harpagornis*. (*Trans. New Zealand Inst.*, XXVIII, p. 666.)

Swann, H. Kirke. A concise Handbook of British Birds. Sm. 8vo, pp. vii + 210. London, 1896, John Wheldon & Co. Price, 3s. 6d.

Warren, B. H. Taxidermy. How to Collect, Skin, Preserve and Mount Birds, etc. (*Bull. No. 6, Dept. of Agric., State of Penna.* 8vo, pp. 128, 1896.)

Wilson, Scott B., and A. H. Evans. Aves Hawaienses: The Birds of the Sandwich Islands. Pt. VI, July, 1896.

Actes de la Société Scientifique du Chili, V, 4^e Livr., 1896.

American Journ. Sci., July-Sept., 1896.

American Naturalist, July-Sept., 1896.

Anales del Museo nacional de Montevideo, IV, 1896.

Annals of Scottish Nat. Hist., July, 1896.

Aquila, III, Nos. 1, 2, 1896.

Bulletin British Orn. Club, No. 37, 1896.

Bulletin of the Wilson Orn. Chapter of the Agassiz Assoc., Nos. 6-9, 1896.

Forest and Stream, XLVII, Nos. 1-13, 1896.

Medical Age, XIV, Nos. 11-17, 1896.

Journal Cincinnati Soc. Nat. Hist., XIX, No. 1, 1896.

Naturalist, The, Month. Journ. of Nat. Hist. for North of England, July-Sept., 1896.

Nidologist, The, III, Nos. 10-12, 1896.

Observer, The, VII, July-Oct., 1896.

Oregon Naturalist, III, Nos. 6, 7, 1896.

Ornis, VIII, Heft 4, 1896.

Ornithologische Jahrbuch, VII, Hefte 4, 5, 1896.

Ornithologische Monatsberichte, IV, Nos. 7-9, 1896.

Osprey, The, I, No. 1, Sept. 1896.

Ottawa Naturalist, X., Nos. 4, 5, 1896.

Our Animal Friends, XXXIII, Nos. 10, 11, XXXIV, No. 1, 1896.

Proceedings and Transactions of the Nova Scotia Institute of Science, IX, pt. 1, 1896.

Science, New Ser., III, Nos. 77-90, 1896.

Shooting and Fishing, XX, Nos. 9-21, 1896.

Yearbook U. S. Dept. of Agriculture for 1895.

Zoölogists, The, Nos. 235-237, 1896.